APRIL/MAY 2023

UEL33/BEL33/CEL33 — PROGRAMMING IN C

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What do you mean by trigraph characters?
2. What is user defined declaration?
3. Mention the significance of switch statement.
4. What are library functions?
5. What is an array?
6. What are called pointers?
7. What is Union?
8. Write the format of sending a copy of a structure.
9. What are called data files?
10. What do you mean by bitwise operations?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Describe the types of constants.

Or

(b) Discuss the arithmetic operators.

12. (a) Describe the do-while loop with an example.

Or

(b) Enumerate the process of recursion.

13. (a) Outline the two dimensional array initialization.

Or

(b) Describe the declaration of pointer variables

14. (a) Discuss the initialisation of structure.

Or

(b) Explain the passing the structure to a function.

15. (a) Discuss the input-output operations on files.

Or

(b) Explain the 'C' processor.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the date types in detail.

17. Discuss the followings

(a) break

(b) continue

(c) go to statements

18. Explain how pointer variables are declared.

19. Explain the arrays of structure with illustrations.

20. Outline the following

(a) register variables

(b) bitwise operations

———————